

Converting Colors

`RYB(127, 163, 179)`

Have a look what the booklet for
RYB(127, 163, 179) contains.

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Color

R_YB(127, 163, 179)

Conversions

Conversions Part 1

Format	Color
Hex	7FB396
RGB	127, 179, 150
RGB Percent	50%, 70%, 59%
CMY	0.5020, 0.2980, 0.4113
CMYK	0.29, 0.00, 0.16, 0.30
HSL	147°, 25%, 60%
HSV	147°, 29%, 70%
XYZ	30.3865, 38.9578, 34.8192
YIQ	160.1460, -21.6830, -20.0430

Conversions

Conversions Part 2

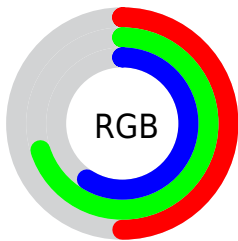
Format	Color
RYB	127, 163, 179
Decimal	8369046
CIELab	68.72, -23.29, 9.30
CIELCh	69, 25.077, 158.225
Yxy	38.9578, 0.2917, 0.3740
Android (android.graphics.Color)	4286559126 (0xFF7FB396)
YUV	160.1460, -5.0020, -29.0690
Hunter-Lab	62.4162, -22.3281, 10.6161

Details

The RYB color **127, 163, 179** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **179, 127, 156**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **181, 219, 235**, and **76, 110, 126** is the 20% darker color. If you saturate the color by 10%, you get **109, 158, 179**, and if you desaturate by 10%, it is **145, 169, 179**.

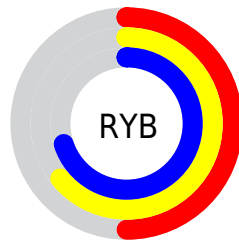
Distribution



Red (50%)

Green (70%)

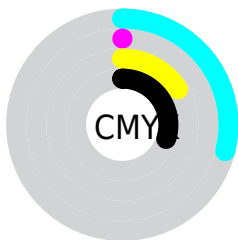
Blue (59%)



Red (50%)

Yellow (64%)

Blue (70%)

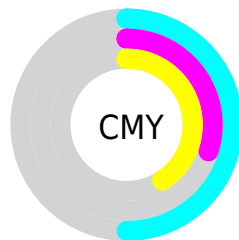


Cyan (29%)

Magenta (0%)

Yellow (16%)

Black (30%)



Cyan (50%)

Magenta (30%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 127, 163, 179 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 127, 163, 179 by changing the saturation by 10% instead.

 127, 163, 179


255, 255, 255


 181, 219, 235


 209, 240, 255

 237, 246, 255

 127, 163, 179

 101, 136, 152

 76, 110, 126


 51, 85, 101


 27, 60, 77


 0, 33, 53

 0, 27, 33


 0, 0, 0

 127, 163, 179


 109, 158, 179


 127, 163, 179


 145, 169, 179

 91, 152, 179


 163, 174, 179

 73, 146, 179


 181, 179, 180

 55, 141, 179

 199, 179, 190


 38, 136, 179

 217, 179, 200

 20, 130, 179

 234, 179, 210

 2, 124, 179

 252, 179, 220

 0, 124, 179

 255, 179, 230

 255, 179, 240

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



132, 175, 154



127, 163, 179



106, 145, 180

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



127, 163, 179



148, 163, 212



212, 157, 141

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



127, 163, 179



179, 127, 156

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



213, 151, 162



127, 163, 179



179, 160, 203

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



127, 163, 179



118, 153, 209



202, 153, 185



199, 193, 126

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



127, 163, 179



101, 142, 188



202, 153, 185



213, 154, 147

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



127, 163, 179



211, 226, 232



127, 179, 150



104, 113, 117



245, 245, 245



117, 117, 117

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



127, 163, 179



151, 207, 232



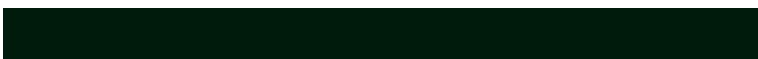
127, 154, 179



80, 86, 89



0, 106, 153



0, 18, 26

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



179, 127, 156



232, 151, 196



179, 127, 130



89, 80, 85



153, 0, 85



26, 0, 14

Previews

White Background



This preview shows how the RYB color 127, 163, 179 looks on a white background.

Color Contrast Check

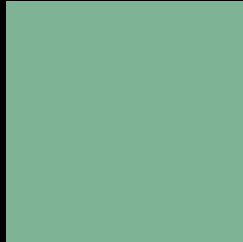
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 127, 163, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

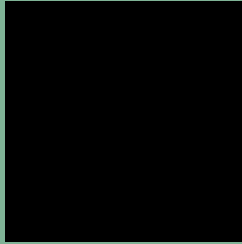
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 127, 163, 179 Background



This preview shows how black text looks on a background with the RYB color 127, 163, 179.



This preview shows how white text looks on a background with the RYB color 127, 163, 179.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
135, 157, 188

Trichromacy



Original Color
127, 163, 179

Protanomaly
146, 171, 159

Deuteranomaly
153, 168, 155

Tritanomaly
132, 155, 176

Monochromacy



Original Color
127, 163, 179

Achromatopsia
160, 160, 160

Achromatomaly
148, 161, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 127, 163, 179 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(127, 179, 150)` looks like.

```
.text, #text, p{  
    color:rgb(127, 179, 150)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(127, 179, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 179, 150) }
```

Border

The CSS property to change the border of an element to RYB 127, 163, 179 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 179, 150) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(127, 179, 150) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(127, 179, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 179, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 179, 150);  
box-shadow:4px 4px 4px 4px rgb(127, 179,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 127, 163, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 179, 150) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(127,  
179, 150) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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